



# ECLIPSE® 706GWR

The adapter that retrofits your Magnetrol legacy Model 705 Guided Wave Radar probes to our state-of-the-art Model 706 platform without disrupting your process

## Eclipse® PLUS+ Adapter

### FACTORY TRAINED

To meet the exacting standards and expectations of our customers, all upgrades can be supported locally by our factory-trained representatives.

### EASY INSTALLATION

Disconnect wiring and simply remove existing Model 705 GWR transmitter. Thread adapter onto existing probe. Install the new Model 706 transmitter to the adapter and attach power wires. Complete setup using the configuration wizard. It's that easy!

### LOCAL INVENTORY

We will survey your Eclipse Model 705 installations and, with your guidance, stock assemblies to support quick delivery upgrades at your convenience.

### OUR GOAL

To put the most advanced guided wave radar transmitter to work optimizing those critical level control applications throughout your plant.



We completely agree with our customers, "realizing the benefits of advancements in any level measurement technology should not come with the added expense of replacing the entire system, waiting for a convenient turnaround or shutdown to implement or involve excessive maintenance effort."

The perfect rationale for developing the Model 705 to 706 transmitter adapter and why industries around the world, including power generation, chemical, petrochemical, petroleum refining and pulp & paper, to name a few, have come to value the longevity, robustness and innovation of Magnetrol's Eclipse® Guided Wave Radar.

The Eclipse PLUS+ adapter integrates seamlessly and conveniently with your legacy Model 705 probe so you can leverage the advanced performance and latest diagnostic improvements in guided wave radar technology.

For over 85 years, Magnetrol® products have set the standard for both point and continuous level control on the most aggressive applications throughout heavy industry.

- Allows forward compatibility for your existing Model 705 Guided Wave Radar probes
- No need to depressurize or shut down any vessel to take advantage of our latest firmware & hardware enhancements
- Upgrade support to facilitate rapid retrofit to improve uptime and meet turnaround and production schedules
- Local inventory for expedited delivery and installation
- 15 great reasons to upgrade to the most advanced Eclipse Model 706 transmitter platform

### ADVANCED FEATURES

1. Enhanced GWR Signal Strength
2. Best in Class Signal-to-Noise Ratio through Patented Circuitry
3. Advanced Diagnostics with Troubleshooting Tips
4. Robust HF Connection
5. Graphic Display with Live Echo Curves
6. Automatic Echo Capture on Diagnostic Events
7. Automatic Buildup Detection
8. Die Cast Dual Compartment Housing
9. Enhanced DTM "PACTware"
10. HART® 7
11. Fast Start-up Time
12. End of Probe Analysis
13. Echo Rejection Capability
14. Standard SIL 2/SIL 3 Certified
15. Encapsulated Electronics



# ECLIPSE® 706 GWR

## It Really is this Simple!

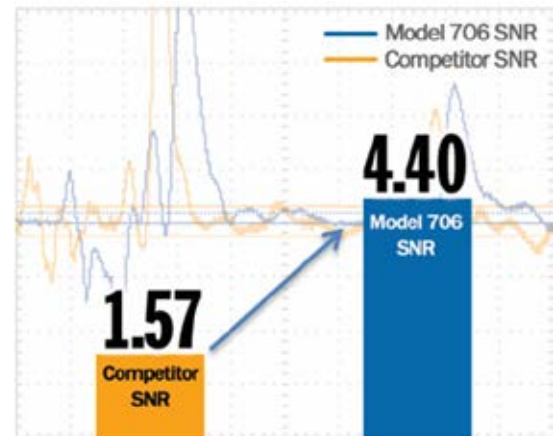


Before

After

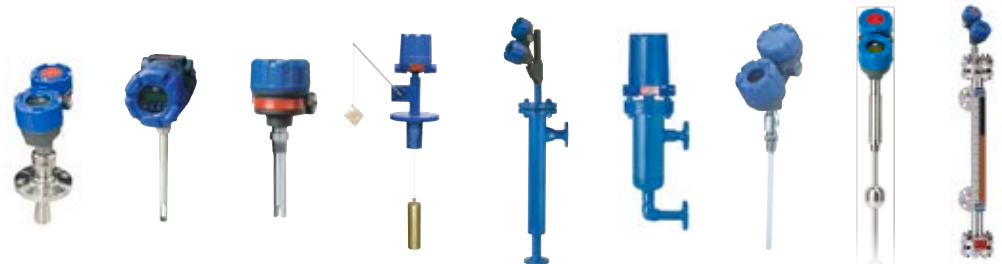
- Only 3.5 inches (80 mm) of additional height
- Works with all probe types
- Meets all area classifications
- No special tools, software, wiring, etc.

Streamlined graphical user interface puts the advanced features of the Eclipse® Model 706 at your finger tips, setting the industry standard for ease of use.



Enhanced signal strength coupled with innovative and patented circuitry for best in class signal-to-noise ratio provides optimal performance in the most difficult and dynamic process conditions.

Other instrumentation technologies from Magnetrol and Orion Instruments include non-contact radar, thermal dispersion, ultrasonic, buoyancy, capacitance, magnetostrictive and visual indication.



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### NO DOWNTIME

- Rapid retrofit
- Can be installed without opening the vessel
- Local Inventory for expedited delivery
- Local support & assistance

### CONTACT US

For more information on our Eclipse® Model 706 Guided Wave Radar or to discuss in detail how the hardware & firmware features can improve process performance please contact us:

630.969.4000

or

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